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Atty. Dkt. No. 035642-0104

## **DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I HEREBY DECLARE:

THAT my residence, post office address, and citizenship are as stated below next to my name;

THAT I believe I am the original, first, and sole inventor (if only one inventor is named below) or an original, first, and joint inventor (if plural inventors are named below or in an attached Declaration) of the subject matter which is claimed and for which a patent is sought on the invention entitled

| METHO             | DD FOR MICROBIAL ANTIBIOTIC RESISTANCE DETECTION   |
|-------------------|--|
|                   | (Attorney Docket No. 035642-0104)  |
| the specification | of which (check one)   |
|                   | is attached hereto.  |
| <u>_X</u>         | was filed on <u>09/29/2003</u> as United States Application Number or PCT International Application Number <u>10/673,038</u> and was amended on (if applicable). |

THAT I do not know and do not believe that the same invention was ever known or used by others in the United States of America, or was patented or described in any printed publication in any country, before I (we) invented it;

THAT I do not know and do not believe that the same invention was patented or described in any printed publication in any country, or in public use or on sale in the United States of America, for more than one year prior to the filing date of this United States application;

THAT I do not know and do not believe that the same invention was first patented or made the subject of an inventor's certificate that issued in any country foreign to the United States of America before the filing date of this United States application if the foreign application was filed by me (us), or by my (our) legal representatives or assigns, more than twelve months (six months for design patents) prior to the filing date of this United States application;

THAT I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above;

THAT I believe that the above-identified specification contains a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with

which it is most nearly connected, to make and use the invention, and sets forth the best mode contemplated by me of carrying out the invention; and

THAT I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign<br>Application<br>Number | Country | Foreign Filing Date | Priority<br>Claimed? | Certified Copy Attached? |
|--|---------|---------------------|----------------------|--------------------------|
|  |         |                     |                      |                          |
|  |         |                     | •                    |                          |
|  |         |                     |                      |                          |

I HEREBY CLAIM the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

| U.S. Provisional Application Number | Filing Date |
|-------------------------------------|-------------|
|                                     |             |
|                                     |             |
| ·                                   |             |

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

| U.S. Parent        | PCT Parent         | Parent      | Parent        |
|--------------------|--------------------|-------------|---------------|
| Application Number | Application Number | Filing Date | Patent Number |
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Atty. Dkt. No. 035642-0104

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I HEREBY APPOINT the registered attorneys and agents at Customer Number 22428

+49 89 746 303 11

Customer Number: 22428

to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, and to transact all business in the United States Patent and Trademark Office connected therewith.

I request that all correspondence be directed to:

Richard C. Peet FOLEY & LARDNER Customer Number: 22428

Telephone: (202) 672-5483

Facsimile: (202) 672-5399

I UNDERSTAND AND AGREE THAT the foregoing attorneys and agents appointed by me to prosecute this application do not personally represent me or my legal interests, but instead represent the interests of the legal owner(s) of the invention described in this application.

I FURTHER DECLARE THAT all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| Name of first inventor | Verena FUNG Grimm                                |
|------------------------|--|
| Residence              | Fellbach,  |
| Citizenship            | German   |
| Post Office Address    | Elsa Branstromweg 2<br>70736 Fellbach<br>Germany |
| Inventor's signature   | V. Gramm   |
| Date                   | 31.63.64   |

Atty. Dkr. No. 035642-0104

| Name of second inventor | Santoshi EZAKI  |             |
|-------------------------|---|-------------|
| Residence               | Ibaragi,  |             |
| Citizenship             | Japanese  |             |
| Post Office Address     | 4-6-1 Koshiba Ryugaskaki City<br>Ibaragi, 301-0044 Japan                      |             |
| Inventor's signature    |   |             |
| Date                    |   |             |
|                         |   |             |
| Name of third inventor  | Milorad SUSA  |             |
| Residence               | Stuttgart,  |             |
| Citizenship             | ´G <del>erm</del> an  |             |
| Post Office Address     | Robert Bosch Krankenhaus<br>Auerbackstrasse 110<br>70376 Stuttgard<br>Germany |             |
| Inventor's signature    |   |             |
| Date                    |   | <u> </u>    |
| · -                     |   | <u>*</u>    |
| Name of fourth inventor | Cornelius Knabe   |             |
| Residence               | Stuttgart,  |             |
| Citizenship             | German  |             |
| •                       | Leibnizstrasse 82   |             |
| Post Office Address     | 70193 Stuttgart<br>Germany  |             |
| Inventor's signature    |   | <del></del> |
| Date                    |   |             |
| <del>-</del>            |   |             |
| Name of fifth inventor  | Rolf SCHMIDA  |             |
| Residence               | Stuttgart,  |             |
| Citizenship             | German  |             |
| Post Office Address     | In den Riedwiesen 3<br>70329 Stuttgart<br>Germany                             |             |
| Inventor's signature    | 1/ Su-11  |             |
| Date                    | 31.3.04   |             |
| _                       |   |             |

Atty. Dkt. No. 035642-0104

| Name of sixth inventor | Till T. BACHMANN                        |
|------------------------|---|
| Residence              | Stuttgart,                              |
| Citizenship            | German                                  |
| Post Office Address    | Hessenlauweg 19 70569 Stuttgart Germany |
| Inventor's signature   | Salmann                                 |
| Date                   | 04128/2004                              |

Atty. Dkt. No. 035642-0104



10-05-04

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I HEREBY APPOINT the registered attorneys and agents at Customer Number 22428

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Customer Number: 22428

(202) 672-5483 Telephone: (202) 672-5399 Facsimile:

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| Name of first inventor | Verena JUNG                                      |  |
|------------------------|--|--|
| Residence              | Fellbach,  |  |
| Citizenship            | German   |  |
| Post Office Address    | Elsa Branstromweg 2<br>70736 Fellbach<br>Germany |  |
| Inventor's signature   |  |  |
| Date                   |  |  |

Name of second inventor Santoshi EZAKI Residence Ibaragi, Citizenship Japanese 4-6-1 Koshiba Ryugaskaki City Post Office Address Ibaragi, 301-0044 Japan Inventor's signature Date Name of third inventor Milorad SUSA Residence Stuttgart, Citizenship German Robert Bosch Krankenhaus Auerbackstrasse 110 Post Office Address 70376 Stuttgard **Germany** Inventor's signature Date Name of fourth inventor Cornelius Knabe Residence Stuttgart, Citizenship German Leibnizstrasse 82 Post Office Address 70193 Stuttgart Germany Muril Inventor's signature 700 Y Date Name of fifth inventor Rolf SCHMIDT Residence Stuttgart, Citizenship German In den Riedwiesen 3 Post Office Address 70329 Stuttgart Germany Inventor's signature Date

Atty. Dkt. No. 035642-0104

| Name of sixth inventor | Till T. BACHMANN                        |
|------------------------|---|
| Residence              | Stuttgart,                              |
| Citizenship            | German                                  |
| Post Office Address    | Hessenlauweg 19 70569 Stuttgart Germany |
| Inventor's signature   |   |
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| U.S. Parent        | PCT Parent         | Parent      | Parent        |
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| Application Number | Application Number | Filing Date | Patent Number |
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Arry. Dkt. No. 035642-0104

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Customer Number: 22428

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| Name of first inventor | Verena JUNG                                      |   |
|------------------------|--|---|
| Residence              | Fellbach,  |   |
| Citizenship            | German   |   |
| Post Office Address    | Elsa Branstromweg 2<br>70736 Fellbach<br>Germany |   |
| Inventor's signature   | ·  |   |
| Date                   |  | • |

| Name of second inventor | Santoshi EZAKI   |
|-------------------------|--|
| Residence               | Ibaragi,   |
| Citizenship             | Japanese   |
| Post Office Address     | 4-6-1 Koshiba Ryugaskaki City<br>Ibaragi, 301-0044 Japan             |
| Inventor's signature    | Satashi Egohi  |
| Date                    | 6. Apr. 2004   |
|                         |  |
| Name of third inventor  | Milorad SUSA   |
| Residence               | Stuttgart,   |
| Citizenship             | German   |
| Post Office Address     | Robert Bosch Krankenhaus Auerbackstrasse 110 70376 Stuttgard Germany |
| Inventor's signature    |  |
| Date                    |  |
|                         |  |
| Name of fourth inventor | Cornelius Knabe  |
| Residence               | Stuttgart,   |
| Citizenship             | German   |
|                         | Leibnizstrasse 82  |
| Post Office Address     | 70193 Stuttgart Germany  |
| Inventor's signature    |  |
| Date                    |  |
|                         |  |
| Name of fifth inventor  | Rolf SCHMIDT   |
| Residence               | Stuttgart,   |
| Citizenship             | German   |
| Post Office Address     | In den Riedwiesen 3<br>70329 Stuttgart<br>Germany                    |
| Inventor's signature    |  |
| Date                    | ·  |
|                         |  |

Atty. Dkt. No. 035642-0104

| Name of sixth inventor | Till T. BACHMANN                              |
|------------------------|---|
| Residence              | Stuttgart,                                    |
| Citizenship            | German  |
| Post Office Address    | Hessenlauweg 19<br>70569 Stuttgart<br>Germany |
| Inventor's signature   |   |
| Date                   |   |